11: Haguenauer--42-43 T-3 (no date) 1929 **Formosan Aborigines**
116, 212, 802 **Atayal**

The Tayal are practically uncivilized. The Tayal do not have any means of writing, and when they want to do some arithmetic, they use strings of knotted straw or little sticks; [43] addition, subtraction, multiplication and division are done by means of little sticks, which are laid on the ground.

18: Kakyo--67 E-2 (no date) 1899 Formosan Aborigines
116, 802

The Formosa savages have numerals up to 1,000 or even 10,000. (The question if they actually employ these terms does not belong here.)

22: Wiedfeldt--31 F-5 (1913) 1914 Formosan Aborigines
116, 685, 554, 802, 614 Atayal

On the basis of this kind of evidence [MC: i. e. skull trophies], disputed land is awarded to a clan, or a penalty is imposed on a clan. The head of the clan then assigns the land to the family concerned, or demands that they comply with the penalty. In business which concerns only the clan, the procedure is the same. All payments are made by the clan heads, with the occasional assistance of a wise man, that is, one who can surely count up to 30. The payment of the price for a bride, and the adoption settlements, etc., are also mostly made with the help of the head of the clan, for the ordinary Atayal can count up to 5 at the most. In decisions of this sort, where there are two steps, one of which is carried out between clans and the other within the clan, there is no difficulty in putting them into effect, as the tangible nature of what is generally recognized as evidence is a help.

31: Hofmann--625 [3] N-3 (1909) 1912 Formosan Aborigines
116, 181, 774, 802 Tsou

The aborigines believe in a life after death. They believe that everyone has two souls; one of these remains in the house after death, while the other lives in the jungles on Arisan. The natives therefore enter this region with all signs of awe and reverence. They seem to be an intelligent people on the whole; one indication of this is that they have terms for high numbers such as hundred, thousand, and million. There would be no difficulties in giving them instruction except that they value their freedom and their own customs above everything else and thus fear and avoid the fetters of civilization.

39: Wiedfeldt--11-12 F-3 (1913) 1917 Formosan Aborigines
116, 177, 436, 555, 622, 802 Atayal

The Atayals have a better idea of counting than they have of measuring time. Most of them, to be sure, can only count up to three or five, and that is sufficient for their purposes. Anyone who can count up to thirty is considered clever, and only a few individuals in the border tribes can count up to a hundred. Some of the Japanese maintain that a smart Atayal of the interior can count up to a thousand, but most people say that this is just talk. Most of the tribes are said to have names for numbers up to five only, and to count further by saying five and one, five and two, five and three, five and four. They have a special word for ten, and also for twenty and thirty. Some tribes are said to know more words for numbers, but they seem to have acquired them recently through Chinese or Japanese interpreters. Most of the clan heads can count this way up to twenty or thirty. If they need to go beyond that, they call in a wise man to help them, if fines are to be paid. They also have to count when they are fixing the price of the bride or the price for adopted children. They count 25 rokosch-kaha, or 250 yen, by putting down 20 rokosch-kaha, or garments with precious [12] materials, and 10 bintoan, breastpieces with precious materials. Presumably the calculation is made at once in this way, and the reduction to a common denominator is made by the interpreter. In tribes that have lived for years inside the Aitu line, and that accept Japanese money, families will sell a rokosch-kaha together with their profit on it for 13 or 15 yen, because they can conceive only of 13 as 1 rokosch-kaha plus 1 binrai, or 15 as 1 rokosch-kaha plus 1 bintoan, but they can not imagine 11, 12, or 14 yen.